



EXPRESS MAIL NO. EV561558865US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Allen I. Bain et al.  
Application No. : 10/674,684  
Filed : September 29, 2003  
For : ION CHANNEL MODULATING COMPOUNDS AND USES  
THEREOF

Examiner : Rebecca L. Anderson  
Art Unit : 1626  
Docket No. : 480102.403C2  
Date : December 12, 2005

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL FOR THIRD SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT

Commissioner for Patents:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, Applicants wish to make known to the U.S. Patent and Trademark Office the references set forth on the attached Information Disclosure Statement. This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior U.S. Patent Application 09/680,988, filed October 6, 2000, which is a continuation-in-part of U.S. Patent Application No. 09/283,873, which claims the benefit of U.S. Patent Application No. 60/118,954 and U.S. Patent Application No. 60/080,347. Copies of the cited U.S. patents and published patent applications are not required and accordingly have not been provided. Copies of all other cited references are enclosed.

As to any reference cited, Applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such

reference, as by a showing under 37 C.F.R. § 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with Applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, Applicants believe that their invention is patentable.

Additionally, Applicants wish to disclose and have officially considered the following co-pending and abandoned U.S. patent applications by the same assignee, listed on the attached form PTO-1449, copies of which are enclosed herewith:

<b>Application No. Publication No.</b>	<b>Title</b>	<b>Filed</b>	<b>Status</b>
09/283,873	Ion Channel Modulating Compounds and Uses Thereof	03/31/1999	Abandoned
09/680,988	Ion Channel Modulating Compounds and Uses Thereof	10/06/2000	Abandoned
11/018,428 US 2005/0209307	Ion Channel Modulating Compounds and Uses Thereof	12/21/2004	Allowed
09/913,373	Cycloalkyl Amine Compounds and Uses Thereof	02/10/2000	Allowed
09/914,884	Aminocycloalkyl Cinnamide Compounds and Uses Thereof	03/03/2000	Pending
10/977,343	Aminocyclohexyl Ether Compounds and Uses Thereof	10/29/2004	Abandoned
11/201,776	Aminocyclohexyl Ether Compounds and Uses Thereof	08/11/2005	Pending
10/555,364	Aminocyclohexyl Ether Compounds and Uses Thereof	11/02/2005	Pending
10/977,559	Aminocyclohexyl Ether Compounds and Uses Thereof	10/29/2004	Abandoned
11/202,381	Aminocyclohexyl Ether Compounds and Uses Thereof	08/11/2005	Pending
10/862,157 US 2005/0038256	Synthetic Process for Trans-Aminocyclohexyl Ether Compounds	06/04/2004	Pending


10/838,470 US 2005/0026993	Uses of Ion Channel Modulating Compounds	05/03/2004	Pending
10/914,864 US 2005/0070552	Ion Channel Modulating Activity I	08/09/2004	Pending
10/914,841 US 2005/0119315	Ion Channel Modulating Activity II	08/09/2004	Pending

Please acknowledge receipt of this Third Supplemental Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Applicants believe this Third Supplemental Information Disclosure Statement has been timely filed, however, the Director is authorized to charge any fee due by way of this Information Disclosure Statement to our Deposit Account No. 19-1090.

Respectfully submitted,

Seed Intellectual Property Law Group PLLC

  
 Emily W. Wagner  
 Registration No. 50,922

EWV:ljt

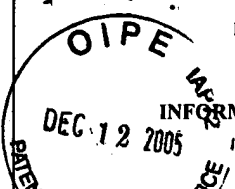
Enclosures:

Form PTO-1449

Cited References (17)

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	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 480102.403C2	APPLICATION NO. 10/674,684
	THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS Allan I. Bain et al.	
			FILING DATE September 29, 2003	GROUP ART UNIT 1626

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,451,819	09/17/02	Alanine et al.	514	326	
	AB	6,521,619	02/18/03	Link et al.	514	237.2	
	AC	6,649,603	11/18/03	Lum	514	210.01	
	AD	2005/0209307	09/22/05	Bain et al.	514	1	
	AE	2005/0026993	02/03/05	Beatch et al.	514	424	
	AF	2005/0038256	02/17/05	Barrett et al.	546	236	
	AG	2005/0070552	03/31/05	Fedida et al.	514	255.06	
	AH	2005/0119315	06/02/05	Fedida et al.	514	355	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AI	2268590	10/12/00	CA		
	AJ	WO 00/47547	8/17/00	PCT		
	AK	WO 00/51981	9/8/00	PCT		
	AL	WO 01/96335	12/20/01	PCT		

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AM	Beatch et al., (2002) "RSD1235 Selectively Prolongs Atrial Refractoriness and Terminates AF in Dogs with Electrically Remodelled Atria", Pharmacologist, 44(2) (Supplement I), A15: XIV <sup>th</sup> World Congress of Pharmacology: Meeting Abstracts.
	AN	Allen I. Bain et al., "Ion Channel Modulating Compounds and Uses Thereof," U.S. Patent Application 09/283,873, filed March 31, 1999, now abandoned.
	AO	Allen I. Bain et al., "Ion Channel Modulating Compounds and Uses Thereof," U.S. Patent Application 09/680,988, filed October 6, 2000, now abandoned.
	AP	Gregory M. Beatch et al., "Cycloalkyl Amine Compounds and Uses Thereof," U.S. Patent Application 09/913,373, U.S. Filing Date January 28, 2002, now allowed.
	AQ	Gregory M. Beatch et al., "Aminocycloalkyl Cinnamide Compounds for Arrhythmia and as Analgesics and Anesthetics," U.S. Patent Application 09/914,884, U.S. Filing Date February 26, 3002, pending.

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>THIRD SUPPLEMENTAL          INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)	ATTY. DOCKET NO. <b>480102.403C2</b>	APPLICATION NO. <b>10/674,684</b>
	APPLICANTS <b>Allan I. Bain et al.</b>	
	FILING DATE <b>September 29, 2003</b>	GROUP ART UNIT <b>1626</b>

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA						
	BB						
	BC						
	BD						
	BE						
	BF						
	BG						
	BH						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	BI	WO 2004/008103	01/22/04	PCT		
	BJ	WO 2004/098525	11/18/04	PCT		
	BK	WO 2004/099137	11/18/04	PCT		
	BL					

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	BM	Gregory M. Beatch et al., "Aminocyclohexyl Ether Compounds and Uses Thereof," U.S. Patent Application 10/977,343, filed October 29, 2004, now abandoned.
	BN	Gregory M. Beatch et al., "Aminocyclohexyl Ether Compounds and Uses Thereof," U.S. Patent Application 10/977,559, filed October 29, 2004, now abandoned.
	BO	Gregory M. Beatch et al., "Aminocyclohexyl Ether Compounds and Uses Thereof," U.S. Patent Application 11/201,776, filed August 11, 2005, pending.
	BP	Gregory M. Beatch et al., "Aminocyclohexyl Ether Compounds and Uses Thereof," U.S. Patent Application 10/555,364, U.S. Filing Date not assigned, International Filing Date October 31, 2003, pending.
	BQ	Gregory M. Beatch et al., "Aminocyclohexyl Ether Compounds and Uses Thereof," U.S. Patent Application 11/202,381, filed August 11, 2005, pending.

EXAMINER

DATE CONSIDERED

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